

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 81-2

AMENDING ORDER NO. 80-2

NPDES PERMIT NO. CA0038351

AMENDED WASTE DISCHARGE REQUIREMENTS FOR:

BAY FARM ISLAND
RECLAMATION DISTRICT NO. 2105
HARBOR BAY ISLE LAGOONS
ALAMEDA, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter Board) finds that:

1. On January 15, 1980, the Board adopted Order No. 80-2, reissuing waste discharge requirements for Bay Farm Island, Reclamation District No. 2105, Harbor Bay Isle Lagoons (hereinafter discharger).
2. By letters of June 27 and October 9, 1980, the discharger requested an amendment in the Permit to modify the proposed southwest lagoon configuration to allow a possible additional inlet/outlet structure as well as modifications to improve circulation and maintenance. Review of the discharger's request finds it reasonable and that it would most likely improve water quality and operations of the proposed lagoon.
3. This project is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.
4. The Board has notified the discharger and interested agencies and persons of its intent to amend waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
5. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, Bay Farm Island Reclamation District No. 2105, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and the provisions of the Federal Water Pollution Control Act, and regulations and guidelines adopted thereunder, shall comply with the following amendments to Order No. 80-2:

1. Add the following to Finding No. 2:

Waste 004 is approximately 4 mgd of lagoon water and surface drainage from land adjacent to the proposed southwest lagoon. The waste would be discharged to San Francisco Bay from the proposed south lagoon inlet/outlet structure (see attached map.) This waste discharge would also be similar to Waste 001. The lagoon system for Waste 004 may be built within the next five years.

2. Change Effluent Limitation B.1. to read (changes are underlined):

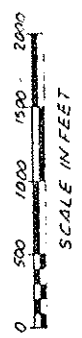
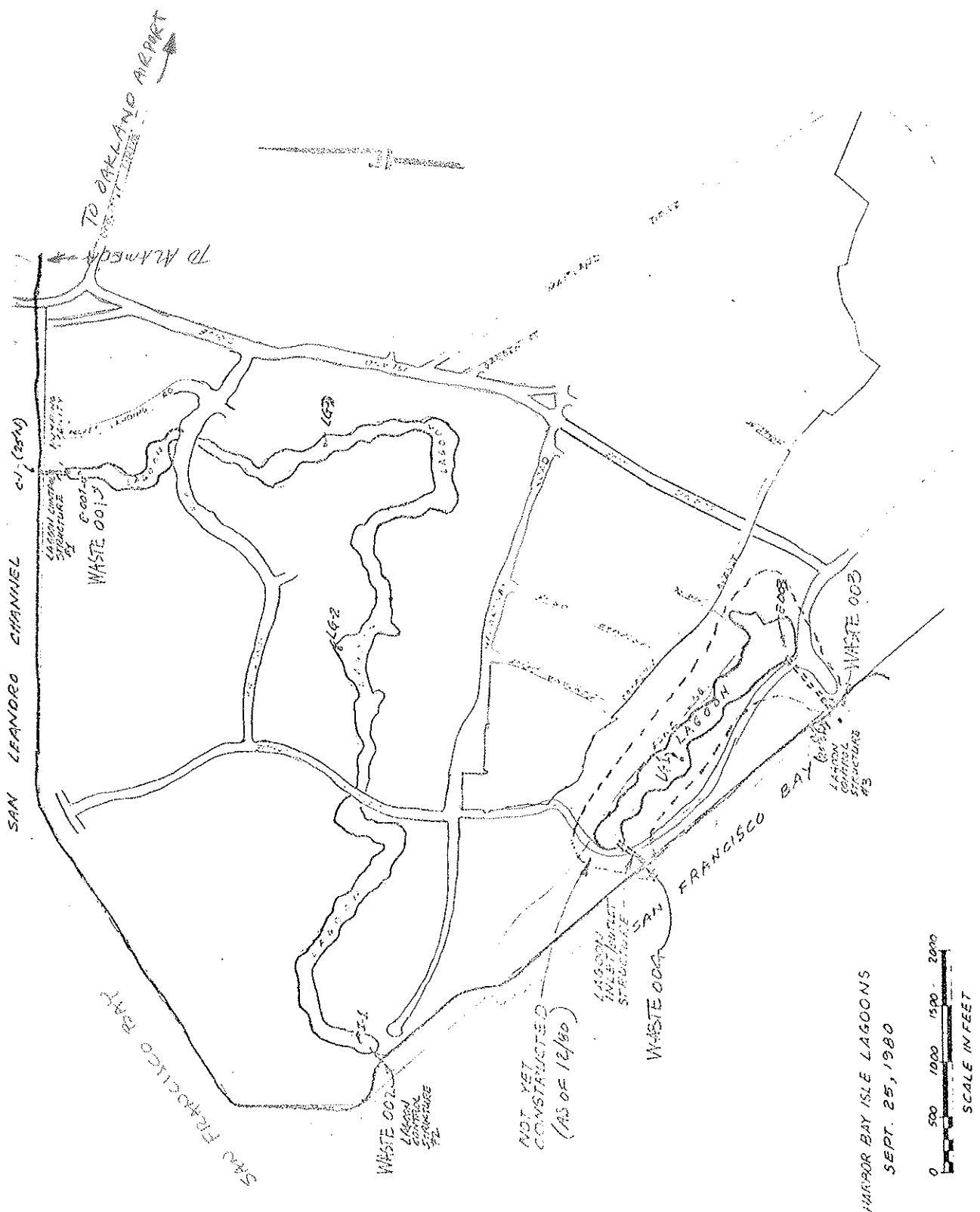
"1. The discharge of Wastes 001, 002, 003, or 004 containing
..."

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on January 21, 1981.

FRED H. DIERKER
Executive Officer

Attachments:

Map
Self-Monitoring Program



HARBOR BAY ISLES LAGOONS
SEPT. 25, 1980

STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION		
LOCATION MAP/MONITORING PLAN HARBOR BAY ISLES RECLAMATION DISTRICT #2105 ALAMEDA		
DRAWN BY: <i>SM</i>	DATE: 10/80	DRWG. NO.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

RECLAMATION DISTRICT NO. 2105

HARBOR BAY ISLE LAGOONS

ALAMEDA, ALAMEDA COUNTY

NPDES NO. CA 0038351

ORDER NO. 81-2

CONSISTS OF

PART A, dated 1/78

AND

PART B

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. INTAKE

<u>Station</u>	<u>Description</u>
I-1	At a point in the main lagoon, immediately adjacent to the west lagoon structure. (#2)
I-2	At a point in the southwest lagoon immediately adjacent to the inlet/outlet structure. (#4)

B. EFFLUENT

<u>Station</u>	<u>Description</u>
E-001	At a point in the main lagoon, immediately adjacent to the north lagoon structure. (#1)
E-002	At a point in the main lagoon, immediately adjacent to the west lagoon structure. (#2)
E-003	At a point in the southwest lagoon, immediately adjacent to the south lagoon structure. (#3)
E-004	At a point in the southwest lagoon, immediately adjacent to the inlet/outlet structure. (#4)

C. LAGOON WATER

<u>Station</u>	<u>Description</u>
LG-1 thru LG-3	At the approximate center line points in the lagoon shown in the attached sketch entitled "Bay Farm Island Lagoon Sampling Stations."

D. RECEIVING WATERS

<u>Station</u>	<u>Description</u>
C-1	At a point in San Leandro Channel, located approximately 25 feet north of the point at which waste 001 is discharged. (#1)
C-1-RW C-1-RE	At one point in San Leandro Channel, 200 feet either westerly or easterly from the north (#1) lagoon structure and "upstream" from the lagoon structure depending upon tidal conditions (e.g. C-1-RW on flood and C-1-RE on ebb).

C-2 At a point in San Francisco Bay 25' southwest
 of the south lagoon structure. (#3)

C-2-R At a point in San Francisco Bay 200 feet north-
 west of the south lagoon structure. (#3)

II. SCHEDULE OF SAMPLING, MEASUREMENT, AND ANALYSES

- A. The schedule of sampling and analysis shall be that given as Table I. Grab samples of intake shall be collected during periods of maximum peak flows.

III. MODIFICATION OF PART "A" DATED JANUARY 1978

- A. Does not include the following paragraphs of Part A:

C.1, C.3, C.4, C.5.d, C.5.e, D.1, D.2.a, D.3.a, D.4, E,
F.3.g.

- B. Includes the following modification to paragraph F.3.c:

Effluent data summary will be sent to the Regional
Board only.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 81-2.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Effective Date 1-26-81

Attachments:

Table I
Sketch

TABLE 1
SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

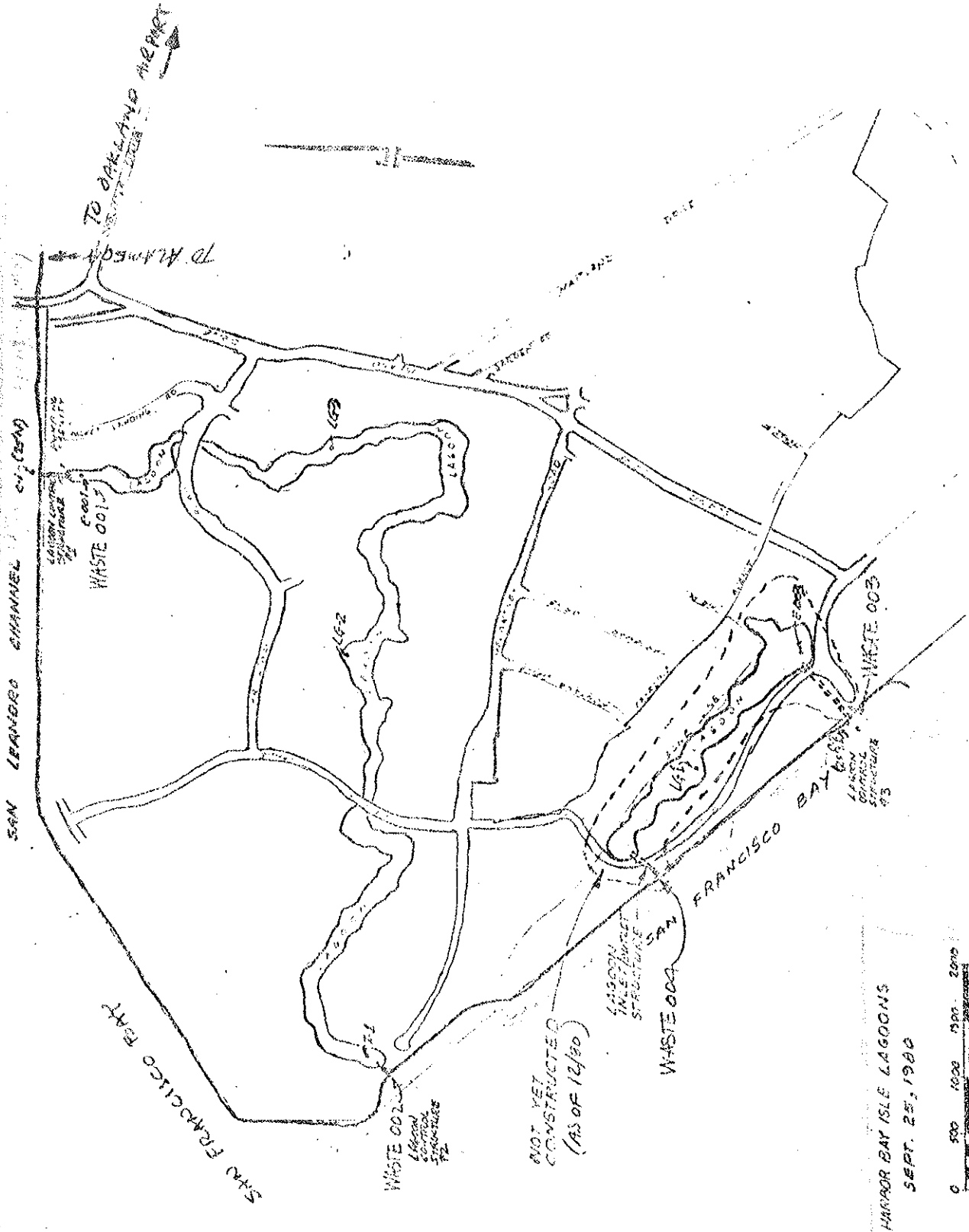
SAMPLING STATIONS	I-1	E-001, 002 & 003(4)	LG (1)	C (2)					
TYPE OF SAMPLES	G	G	G	G					
Flow Rate (mgd)	D	D							
BOD ₅ (mg/l)		W							
Oil & Grease (mg/l)		W							
pH (units)	M	W	M (3)						
Chlorophyll 'a' (mg/l)	M		M (3)						
Dissolved Oxygen (mg/l)			M (3)						
Temperature (°C)			M (3)						
Turbidity (Nephelometric Turbidity Units)	W	W	M	M					
Total Coliform (MPN/100 ml)			M (3)						
All Applicable Standard Observations		W	M (3)	M					

FOOTNOTES

- (1) Samples of lagoon water shall be collected on days coincident with sampling of intake water.
- (2) To be sampled while discharge from the lagoon is occurring.
- (3) Weekly from June through September one hour before sunrise.
- (4) E002 shall be sampled only after (or preferably during) rainfall event causing discharge and then only at the frequency shown.

LEGEND FOR TABLE

G = grab sample	D = once each day
I = intake station	W = once each week
E = waste effluent stations	M = once each month
C = receiving water stations	
LG = lagoon stations	



STATE OF CALIFORNIA		
REGIONAL WATER QUALITY CONTROL BOARD		
SAN FRANCISCO BAY REGION		
LOCATION MAP/MONITORING PLAN		
HARBOR BAY ISLES		
RECLAMATION DISTRICT #2105		
ALAMEDA		
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